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SD-6594.1S93878

August 8, 2001

Express Mail No.: EL026586733US

Jc978 U.S. PTO
09/927691
08/08/01

BOX PATENT APPLICATION
ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

UTILITY PATENT APPLICATION TRANSMITTAL
Under 37 CFR 1.53(b)

Transmitted herewith for filing is the patent application of

INVENTOR(S): Timothy J. Tautges and David R. White

FOR: AUTOMATIC DETECTION OF SWEEP-MESHABLE VOLUMES

I. APPLICATION ELEMENTS

1. ☒ Fee Transmittal Form
2. ☒ Specification
Total Pages 33
3. ☒ Drawings
Total Pages 14
4. ☒ Oath or Declaration
 - a. ☒ Newly Executed
 - b. ☐ Copy from Prior Application
(Continuation or Divisional)
- ☐ Deletion of Inventors
Signed Statement Attached Deleting Inventor(s) named in prior Application. 37 CFR 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation by Reference (if Box 4b is checked). The entire disclosure of the prior application(s) from which a copy of the Oath or Declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. ☐ Microfiche Computer Program (Appendix)

II. ACOMPANYING APPLICATION PARTS

7. ☐ Assignment Papers (cover sheet and document(s))
8. ☐ 37 CFR 3.73(b) Statement (where there is an assignee) ☐ Power of Attorney
9. ☐ Information Disclosure Statement
Copies of IDS
(IDS)/PTO-1449
Citations
10. ☐ Preliminary Amendment
11. ☒ Return Receipt Postcard (Itemized)
12. ☐ Other

III. IF A CONTINUING APPLICATION

- ☐ Continuation ☐ Divisional ☐ Continuation-in-Part (CIP)
of prior application No. __/____

IV. CORRESPONDENCE ADDRESS

Timothy D. Stanley
Sandia National Laboratories
P. O. Box 5800 - MS-0161
Albuquerque, New Mexico 87185-0161

Phone: (505) 845-8124
FAX: (505) 844-1418

V. FEE PAYMENT BEING MADE AT THIS TIME

- ☐ Not Enclosed
☐ No filing fee is to be paid at this time (This and the surcharge required by 37 CFR 1.16(e) can be paid subsequently.)
- ☒ Enclosed
☒ Basic Filing Fee \$826.00
- ☐ Recording Assignment
(\$40.00; 37 CFR 1.21(h))
- ☐ Petition fee for filing by other than all the inventors or person on behalf of the inventor where inventor refused to sign or cannot be reached. (\$130.00; 37 CFR 1.47 and 1.17(h))
- ☐ Processing and Retention Fee
(\$130.00; 37 CFR 1.53(d) and 1.21(l))

☒ Fee for additional claims added by preliminary amendment \$0.00

Total Fees Enclosed \$826.00

VI. METHOD OF PAYMENT OF FEES

- ☐ Check in the amount of \$ _____
☒ Charge Deposit Account No. 19-0131 in the amount of \$826.00.
A duplicate of this transmittal is attached.

VII. INSTRUCTIONS AS TO OVERPAYMENT OR UNDERPAYMENT

- ☒ Credit Account No. 19-0131
☒ Charge Account No. 19-0131

Dated:

Aug 8, 2001

Timothy D. Stanley, Reg. No. 30,428
Sandia National Laboratories
Patent & Licensing Center, 11500
P. O. Box 5800 / MS 0161
Albuquerque, NM 87185-0161
Telephone: (505) 845-8124

CERTIFICATION UNDER 37 CFR 1.10

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the U. S. Postal Service on the 8th day of August, 2001, in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EL026586733US, addressed to the: Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.

Viola Campos 8/8/01
Viola Campos

FEE TRANSMITTAL FOR FY 2001

Patent fees are subject to annual revision.
Small Entity payments must be supported by a small entity statement,
Otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

Complete if Known

TOTAL AMOUNT OF PAYMENT (\$)**826.00**

Application Number
Filing Date **8/8/01**
First Named Inventor **Timothy J. Tautges**
Examiner Name
Group / Art Unit
Attorney Docket No. **SD6594.1**

METHOD OF PAYMENT (check one)

The Commissioner is hereby authorized to charge
1. ☒ Indicated fees and credit any over payments to:

Deposit Account Number **19-0131**

Deposit Account Name **Sandia National Labs**

☐ Charge Any Additional
Fee Required Under
37 CFR 1.16 and 1.17

2. Payment Enclosed:

☐ Check ☐ Money Order ☐ Other

FEE CALCULATION

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	710	201	355	Utility filing fee	710
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	
SUBTOTAL (1)					\$ 710.00

2. EXTRA CLAIM FEES

Extra Claims	Fee from below	Fee Paid
Total Claims 22	-20**= 2 x 18 = 36	
Independent Claims 4	- 3**= 1 x 80 = 80	
Multiple Dependent		

**or number previously paid, if greater; For Reissues, see below.

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)**116**

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840	11	1,840	Requesting publication of SIR after Examiner	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	710	246	355	Filing a submission after final refection (37 CFR 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR 1.129(b))	
Other fee (specify)					
Other fee (specify)					

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

SUBMITTED BY

Typed or Printed Name **Timothy D. Stanley**

Signature

Date

8/8/01

Complete (if applicable)

Reg. Number **30,428**

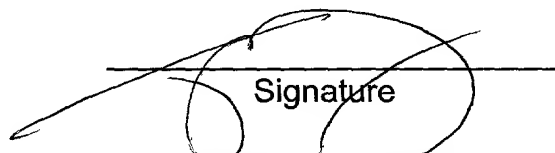
Deposit Account User ID

NONPUBLICATION REQUEST UNDER 35 U.S.C. 122(b)(2)(B)(i)	First Named Inventor		Timothy J. Tautges
	Title	Automatic Detection of Sweep-Meshable Volumes	
	Atty Docket Number		SD-6594.1

I hereby certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

Aug 8, 2001
Date


Signature
Timothy D. Stanley
Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Application may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**